



DECLARATION AND POWER OF ATTORNEY
FOR ORIGINAL U.S. PATENT APPLICATION

Attorney's Docket No. CALMP029

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: HIGH DENSITY ANALOG RECORDING, the specification of which,

(check one)

1. ☐ is attached hereto.
2. ☒ was filed on March 29, 2001 as
U.S. Application No. 09/823,852
and was amended on _____.
3. ☐ was filed on _____ as
International PCT Application No. _____
and was amended on _____.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, CFR § 1.56.

I hereby claim foreign priority benefits under Title 35, United States code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Benefits Claimed?

(Appl. No.)

(Country)

(Filing Date)

☐ Yes ☐ No

(Appl. No.)

(Country)

(Filing Date)

☐ Yes ☐ No

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

Prior Provisional Application(s)

60/193,059

(Application No.)

March 29, 2000

(Filing Date)

60/244,819

(Application No.)

October 31, 2000

(Filing Date)

I hereby claim the benefit under Title 35, ~~United States Code~~, § 120 of any United States ~~application(s)~~, or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. Application(s)

_____ (Application No.)	_____ (Filing Date)	_____ (Status - patented, pending, abandoned)
_____ (Application No.)	_____ (Filing Date)	_____ (Status - patented, pending, abandoned)

And I hereby appoint the law firm of Van Pelt & Yi LLP, including Lee Van Pelt (Reg. No. 38,352); Susan C. Yi (Reg. No. 39,883); and William J. James (Reg. No. 40,661), Paul M. Thyfault (Reg. No. 40,204) as my principal attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Please Direct all Correspondence To: **Customer No. 21912**
Van Pelt & Yi LLP
4906 El Camino Real, Suite 205
Los Altos, CA 94022

Direct Telephone Calls To: Lee Van Pelt at telephone number (650) 903-3503

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Typewritten Full Name of

Sole or First Inventor: Naoyasu Miyagawa Citizenship: Japan

Inventor's signature: *Naoyasu Miyagawa* Date of Signature: *Jun 12, '01*

Address: (City) ~~Moriguchi, Osaka~~ (State/Country) Japan

Post Office Address: ~~Matsushita Electrical Industrial Co., Ltd., Moriguchi, Osaka, 570-8501, Japan~~
3-1-38-402 Hagiwara, Kawanishi, Hyogo, 666-0004, Japan

Full Name of Second Joint Inventor (if any): Masud Mansuripur Citizenship: United States

Inventor's signature: _____ Date of Signature: _____

Address: (City) Tucson, (State/Country) Arizona/US

Post Office Address: 5748 North Camino del Conde, Tucson, AZ 85718



DECLARATION AND POWER OF ATTORNEY FOR ORIGINAL U.S. PATENT APPLICATION

Attorney's Docket No. CALMP029

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: HIGH DENSITY ANALOG RECORDING, the specification of which,

(check one)

1. ☐ is attached hereto.
2. ☒ was filed on March 29, 2001 as
U.S. Application No. 09/823,852
and was amended on _____.
3. ☐ was filed on _____ as
International PCT Application No. _____
and was amended on _____.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, CFR § 1.56.

I hereby claim foreign priority benefits under Title 35, United States code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Benefits Claimed?

(Appl. No.)

(Country)

(Filing Date)

☐ Yes ☐ No

(Appl. No.)

(Country)

(Filing Date)

☐ Yes ☐ No

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

Prior Provisional Application(s)

60/193,059

(Application No.)

March 29, 2000

(Filing Date)

60/244,819

(Application No.)

October 31, 2000

(Filing Date)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. Application(s)

(Application No.)

(Filing Date)

(Status - patented, pending, abandoned)

(Application No.)

(Filing Date)

(Status - patented, pending, abandoned)

And I hereby appoint the law firm of Van Pelt & Yi LLP, including Lee Van Pelt (Reg. No. 38,352); Susan C. Yi (Reg. No. 39,883); and William J. James (Reg. No. 40,661), Paul M. Thyfault (Reg. No. 40,204) as my principal attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Please Direct all Correspondence To:

Customer No. 21912

Van Pelt & Yi LLP
4906 El Camino Real, Suite 205
Los Altos, CA 94022

Direct Telephone Calls To:

Lee Van Pelt at telephone number (650) 903-3503

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Typewritten Full Name of

Sole or First Inventor: _____ Naoyasu Miyagawa

Citizenship: _____ Japan

Inventor's signature: _____

Date of Signature: _____

Address: (City) _____ Moriguchi, Osaka

(State/Country) _____ Japan

Post Office Address: _____ Matsushita Electrical Industrial Co., Ltd., Moriguchi, Osaka, 570-8501, Japan

Full Name of Second Joint

Inventor (if any): _____ Masud Mansuripur

Citizenship: _____ United States

Inventor's signature: _____ *M. Mansuripur*

Date of Signature: _____ 5/26/01

Address: (City) _____ Tucson,

(State/Country) _____ Arizona/US

Post Office Address: _____ 5748 North Camino del Conde, Tucson, AZ 85718